

32692

Customer Number



Patent  
Case No.: 59449US002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: COSTELLO, MICHAEL G.

Application No.: 10/738372 Group Art Unit: Unknown

Filed: December 16, 2003 Examiner: Unknown

Title: HYDROFLUOROETHER AS A HEAT-TRANSFER FLUID

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**  
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

Feb. 27, 2004  
Date

Shannon M. Bruce  
Signed by:

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Respectfully submitted,

February 27, 2004  
Date

By: Colene H. Blank  
Colene H. Blank, Reg. No.: 41,056  
Telephone No.: (651) 737-2356

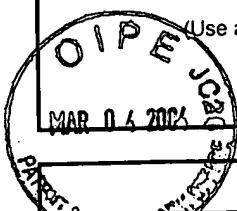
Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

Substitute for form 1449A/PTO (modified)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of 1



Application Number

10/738372

Filing Date

December 16, 2003

First Named Inventor

Costello, Michael G.

Art Unit

Unknown

Examiner Name

Unknown

Attorney Case Number

59449US002

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 3,549,711	11/22/1970	Merrill et al.	
	A2	US- 3,739,033	06/12/1973	Anello et al.	
	A3	US- 3,962,348	06/08/1976	Benninger et al.	
	A4	US- 4,079,084	03/14/1978	Houghton	
	A5	US- 5,713,211	02/03/1998	Sherwood	
	A6	US- 5,750,797	05/12/1998	Vitcak et al.	
	A7	US- 5,847,048	12/08/1998	Feiring	
	A8	US- 5,925,611	07/20/1999	Flynn et al.	
	A9	US- 6,347,907 B1	04/23/2002	Tousignant et al.	
	A10	US-			

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1	FR	2 287 432	05/07/1976			Yes
	B2	JP	62-103034	05/13/1987			Yes
	B3	SU	1810324 A1	04/23/1993			Abstract
	B4	UK	1 354 138	05/22/1974			
	B5	WO	02/102858	12/27/2002			

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Aldrich et al., "α-Fluorinated Ethers. II. Alkyl Fluoroalkyl Ethers," <u>J. Org. Chem.</u> , 29(1) 11-15 (1964)
	C2	Blazejewski et al., "Synthesis of 2-trifluoromethoxyethyl trifluoromethoxyacetate and derived 2-trifluoromethoxyacrylates," <u>J. Fluorine Chem.</u> , 117(2) 161-166 (2002)
	C3	Chi et al., "A Facile Synthesis of Partly-fluorinated Ethers Using Perfluoropropoxyethylene and Aliphatic Alcohols," <u>Bull. Korean Chem Soc.</u> , 20(2) 220-222 (1999)
	C4	Sievert et al., "Synthesis of Perfluorinated Ethers by an Improved Solution Phase Direct Fluorination Process," <u>J. Fluorine Chem.</u> , 53, 397-417 (1991)

\*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.